

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,958,257 B2  
APPLICATION NO. : 10/053201  
DATED : October 25, 2005  
INVENTOR(S) : Harry Rosenberg et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Page 2, U.S. PATENT DOCUMENTS, please insert:  
--4,844,746 7/1989 Horman et al.-- before "4,922,531"  
--6,454,994 9/2002 Wang-- after "6,348,139"

Column 3, line 67  
Replace " $K_2TaF_7 + 5Na(l) = Ta(s) + 2KF + 5NaF$ "  
With -- $K_2TaF_7 + 5Na(l) = Ta(s) + 2KF + 5NaF$ --

Column 6, line 65  
Replace "About 350 grams of  $K_2TaF_7$  was added to 595 cc of HF"  
With --About 350 grams of  $K_2TaF_7$  was added to 595 cc of HF--

Column 9, claim 20  
Replace claim 20 with --A tantalum sputtering target blank comprising tantalum, less than 500 ppmw total metallic impurities, less than 5 ppm by weight (ppmw) molybdenum or tungsten and less than 3 ppmw niobium.--

Column 9, claim 23  
Replace claim 23 with --The blank of claims 20 comprising less than 5 ppmw molybdenum or tungsten.--

Column 9, claim 25  
Replace claim 25 with --A tantalum sputtering target blank comprising tantalum, less than 500 ppmw total metallic impurities, less than 5 ppmw each of molybdenum and tungsten, and less than 50 ppmw niobium.--

Column 10, claim 29  
Replace claim 29 with --A tantalum sputtering target blank comprising tantalum, less than 500 ppmw total metallic impurities, and less than 50 ppmw total of molybdenum, tungsten, and niobium.--

Column 10, claim 39  
Replace claim 39 with --A tantalum material comprising tantalum, less than 500 ppmw total metallic impurities, less than 5 ppmw molybdenum or tungsten and less than 3 ppmw niobium.--

Column 10, claim 40  
Replace claim 40 with --A tantalum material comprising tantalum, less than 500 ppmw total metallic impurities, less than 5 ppmw each of molybdenum or tungsten, and less than 50 ppmw niobium.--

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,958,257 B2  
APPLICATION NO. : 10/053201  
DATED : October 25, 2005  
INVENTOR(S) : Harry Rosenberg et al.

Page 2 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 10, claim 41

Replace claim 41 with --A tantalum material comprising tantalum, less than 500 ppmw total metallic impurities, and less than 50 ppmw total of molybdenum, tungsten, and niobium.--

Column 10, claim 42

Replace claim 42 with --A tantalum material sputtering precursor comprising tantalum, less than 500 ppmw total metallic impurities, less than 5 ppmw molybdenum or tungsten and less than 3 ppmw niobium.--

Column 10, claim 43

Replace claim 43 with --A tantalum material sputtering precursor comprising tantalum, less than 500 ppmw total metallic impurities, less than 5 ppmw each of molybdenum and tungsten, and less than 50 ppmw niobium.--

Column 10, claim 44

Replace claim 44 with --A tantalum material sputtering precursor comprising tantalum, less than 500 ppmw total metallic impurities, and less than 50 ppmw total of molybdenum, tungsten, and niobium.--

Column 10, claim 45

Replace claim 45 with --Sputtered tantalum material comprising tantalum, less than 500 ppmw total metallic impurities, less than 5 ppmw molybdenum or tungsten and less than 3 ppmw niobium.--

Column 10, claim 46

Replace claim 46 with --Sputtered tantalum material comprising tantalum, less than 500 ppmw total metallic impurities, less than 5 ppmw each of molybdenum and tungsten, and less than 50 ppmw niobium.--

Column 10, claim 47

Replace claim 47 with --Sputtered tantalum material comprising tantalum, less than 500 ppmw total metallic impurities, and less than 50 ppmw total of molybdenum, tungsten, and niobium.--

Column 10, claim 48

Please delete claim 48.

Column 10, claim 49

Please delete claim 49.

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,958,257 B2  
APPLICATION NO. : 10/053201  
DATED : October 25, 2005  
INVENTOR(S) : Harry Rosenberg et al.

Page 3 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 10, claim 50  
Please delete claim 50.

Column 10, claim 56  
Replace claim 56 with --The ingot of claim 55 comprising tantalum and less than 3 ppmw each of molybdenum and tungsten.--

Column 12, claim 57  
Replace claim 57 with --A powder comprising high purity tantalum comprising tantalum, less than about 500 ppmw total metallic impurities, less than about 50 ppm by weight, niobium, and less than about 50 ppmw tungsten or molybdenum.--

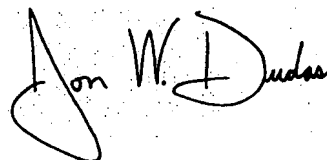
Column 12, please insert claim 60 as follows:  
--The powder of claim 59 comprising less than 3 ppmw molybdenum or tungsten.--

Column 12, please insert claim 61 as follows:  
--A powder comprising tantalum, less than about 500 ppmw total metallic impurities, and less than 5 ppmw each of molybdenum and tungsten.--

Column 12, please insert claim 62 as follows:  
--The powder of claim 61 comprising less than 3 ppmw each of molybdenum and tungsten.--

Signed and Sealed this

Sixth Day of November, 2007



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*